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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/139,023	08/24/1998	KAZUNARI TAKI	101412	4835

25944 7590 08/18/2004

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EXAMINER

POKRZYWA, JOSEPH R

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 08/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/139,023

Applicant(s)

TAKI ET AL.

Examiner

Joseph R. Pokrzywa

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-15,21,24 and 28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) 1-3,5-15,21 and 28 is/are allowed.
- 6) ☒ Claim(s) 24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/28/04 has been entered.

Response to Amendment

2. Applicant's amendment received on 5/17/04 has been entered and made of record. Currently, **claims 1-3, 5-15, 21, 24, and 28** are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claim 24** is rejected under 35 U.S.C. 102(e) as being anticipated by Huttenlocher *et al.* (U.S. Patent Number 6,011,905).

Regarding **claim 24**, Huttenlocher discloses a document information sending apparatus for sending document information which is divided into a plurality of pages (see Figs. 12, 13, 22, and 23), the document information sending apparatus comprising a dividing device for dividing each page of the document information into a plurality of blocks (see Fig. 14, column 17, line 41 through column 18, line 12), a converting device for converting the plurality of blocks into transmission data by adding header information to each of the blocks (column 17, line 41 through column 18, line 12, and column 26, line 16 through 64), the header information includes page information (column 26, lines 20 through 64), a sending device for sending the transmission data (see Fig. 6), and a sending control device for controlling the sending device so as to repeatedly send transmission data corresponding to a different block included in a specific page (see Figs. 15, 22, and 23), changing the specific page each time one unit of transmission data corresponding to one block is sent (column 16, lines 14 through 60, and column 26, lines 40 through 64).

Allowable Subject Matter

5. **Claims 1-3, 5-15, 21, and 28** are allowed.
6. The following is a statement of reasons for the indication of allowable subject matter:

Regarding **claim 1**, in the examiner's opinion, it would not have been obvious to have a system, as claimed, include the features requiring the sending apparatus to repeatedly send transmission data corresponding to a different block included in a specific page, changing the specific page each time one unit of transmission data corresponding to one block is sent, and also requiring the receiving apparatus to refer to page information by checking page information in

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the header information each time document information is received, to select the page from the plurality of pages if recognized that at least one page of the document should be received, and to receive the selected page of the document information so as to display the document information on a display panel.

Regarding *claim 21*, in the examiner's opinion, it would not have been obvious to have a system, as claimed, include a sending apparatus comprising a spreading device for spreading the communication signal by using a spreading sequence and a receiving apparatus comprising an inputting device for inputting a password, a spreading sequence generating device for generating the spreading sequence by using the input password, a disspreading device for disspreading the received communication signal by using the spreading sequence and an extracting device for extracting the document information from the disspreading communication signal.

Conclusion

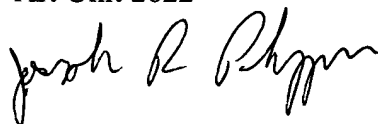
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Joseph R. Pokrzywa
Examiner
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jrp